FLORIDA COLLEGE
DUAL ENROLLMENT PROGRAM
Course Descriptions

Spring 2027

PLEASE NOTE THAT DUAL ENROLLMENT COURSE OFFERINGS ARE SUBJECT TO CHANGE BASED ON ENROLLMENT. WHILE **DECEMBER 18TH** IS THE PRIORITY DEADLINE TO REGISTER FOR SPRING 2027 COURSES, ENROLLMENT NUMBERS WILL BE EVALUATED ON **DECEMBER 11TH** TO DETERMINE IF A COURSE NEEDS TO BE DROPPED. IF A COURSE DOES NOT HAVE ENOUGH STUDENTS REGISTERED FOR IT BY THIS DATE, THEN THE COURSE OFFERING IS SUBJECT TO BE DROPPED.

ENC 1101: ENGLISH COMPOSITION SKILLS I

- **Prerequisites:** Minimum score of 17 on the English **and** 18 on the Reading areas of the ACT, or 450 on SAT Verbal, or grade of "C" or above in ENC 0020
- Expository writing emphasizing paragraph and essay development, and introduction to research. College-level communication – Writing Intensive.
- College Credit: 3 hours

ENC 1102: ENGLISH COMPOSITION SKILLS II

- **Prerequisite:** Grade of "C" or above in ENC 1101
- A continuation of ENC 1101, including a major research paper and analytical and persuasive writing of one or more of the following types: analytical essays, critical reviews of nonfiction and/or fiction, persuasive essays, and summaries or paraphrases. College-level communication – Writing Intensive.
- College Credit: 3 hours

MAC 1105: COLLEGE ALGEBRA

- **Prerequisites:** MAT 1033 or a satisfactory score on the mathematics portion of the ACT/SAT/CLT (minimum score of 21 on the ACT Math or 520 on the SAT Math or 19 on the CLT Quantitative Reasoning)
- This course provides students with an opportunity to gain algebraic knowledge needed in many different fields such as engineering, business, education, science, computer technology, and mathematics. Graphical, numerical, symbolic, and verbal methods support the study of functions and their corresponding equations and inequalities. Students will study linear, quadratic, rational, exponential, logarithmic, inverse, composite, radical, and absolute value functions; systems of equations and inequalities modeling applied problems. There will be extensive use of graphing calculators.
- College Credit: 3 hours

MAC 1114: PRECALCULUS TRIGONOMETRY

- **Prerequisite:** MAC 1105 or suitable score on ACT/SAT (minimum score of 21 on the ACT Math or 520 on the SAT Math)
- Introduction to the elementary trigonometric functions using the functional approach, simple identities, identities using the summation, half arc, and double arc formulas, inverse and composite functions, sketching of the elementary functions emphasizing phase shift, period, and amplitude, and the solution of right and obtuse angles.
- College Credit: 3 hours

MAC 2311: CALCULUS I

- **Prerequisites:** 2 years high school pre-calculus or calculus with appropriate ACT/SAT/CLT mathematics score (minimum score of 29 on the ACT Math or 670 SAT Math or 29 on CLT Quantitative Reasoning), MAC 1114, or MAC 1147
- The derivative, sine and cosine, the Mean Value Theorem, sketching curves, inverse functions, exponents and logarithms, integration (including the Fundamental Theorem), properties of the integral.
- College Credit: 4 hours

STA 2023: STATISTICS

- **Prerequisites:** Satisfactory score on the mathematics portion of the ACT/SAT/CLT (minimum score of 21 on the ACT Math or 520 on the SAT Math or 19 on the CLT Quantitative Reasoning)
- Descriptive statistics; basic probability principles, discrete and continuous probability distributions: binomial, normal, t, and chi-square; point estimation, confidence limits, and hypothesis testing. Emphasis will be placed on applications from education, life science, social science, physical science, and business. Students will be introduced to statistical computing and data visualization by data science software such as the programming language R.
- College Credit: 3 hours

BSC 1005: INTRODUCTION TO BIOLOGICAL PRINCIPLES

- A course for non-science majors which surveys various topics in biology in relation to human concerns. The topics include the organization of living matter, cells and life, genetics, ecology, and a brief survey of living organisms.
- College Credit: 3 hours

PSC 1121: CONCEPTUAL PHYSICAL SCIENCE

- **Prerequisite**: Satisfactory score on the mathematics portion of the ACT/SAT/CLT (minimum score of 21 on the ACT Math or 520 on the SAT Math or 19 on the CLT Quantitative Reasoning)
- A general science course designed to introduce the basic principles from each of the five major areas of physical sciences: Physics, Chemistry, Meteorology, Geology and Astronomy. This course will investigate motion, energy, heat, electricity, magnetism, the nucleus of the atom, the periodic table, chemical reactions, the atmosphere and hydrosphere, the rock cycle, the solar system and the galaxies. The emphasis will be on the scientific method and its application to real world problems.
- College Credit: 3 hours

EUH 1001: WESTERN CIVILIZATION: 1600-PRESENT

- The course is a survey of western civilization from 1660 to the present. The Industrial Revolution, the French and American Revolutions, the Napoleonic era, and the First and Second World Wars are high points in this study. Meets College-level communication requirement.
- College Credit: 3 hours

AMH 2020: AMERICAN HISTORY: 1865-PRESENT

- The course is a survey of western civilization from 1660 to the present. The Industrial Revolution, the French and American Revolutions, the Napoleonic era, and the First and Second World Wars are high points in this study. Meets College-level communication requirement.
- College Credit: 3 hours

PSY 1012: GENERAL PSYCHOLOGY

- This course is an introduction to the scientific study of behavior and mental processes. Topics include the physiological basis of human behavior, learning, perception, memory, motivation, emotion, intelligence, development, and psychological disorders. Emphasis is placed on empirical methods, critical thinking, and the application of psychological principles to everyday life. Students are encouraged to consider psychological science within the broader context of a biblical worldview and the nature and purpose of human beings.
- College Credit: 3 hours

DEP 2004: LIFESPAN PSYCHOLOGY

- **Prerequisites:** PSY 1012 with a "C" or better
- This course is an overview of developmental psychology for undergraduates. It will focus on descriptions, theoretical explanations, research evidence, and practical applications. A life-span approach to human development focuses on developmental patterns and processes from conception to death, across cultures and development. The course includes the basic physical, cognitive, and social processes at work during each age period (e.g., infancy, childhood, adolescence, and adulthood). Meets College-level communication requirement.
- College Credit: 3 hours

ARH 1051: ART HISTORY II

- Introduces students to the visual art periods from the early Renaissance to the present. It is a survey of painting, sculpture, architecture, and related art forms created by western cultures and artists. This course provides a chronological survey of the major movements of art from the 14th century until today.
- College Credit: 3 hours

MUL 1110: INTRODUCTION TO MUSIC LITERATURE

- A survey of music and influential composers from early forms to contemporary compositions. The aims of the course are to widen the musical horizons and receptivity and to develop discrimination. Recorded music is used extensively for listening. No formal musical background is prerequisite. Humanities Credit for graduation. Meets College-level communication requirement.
- College Credit: 3 hours

SPN 1120: SPANISH I

- Open to students who have had no previous work in Spanish or who are recommended for this class based on the placement examination. Study includes pronunciation, elementary conversation, reading, and composition. The reading selections provide information about the Spanish-speaking people and their culture.
- College Credit: 3 hours

SPN 1121: SPANISH II

- A continuation of SPN 1120 Spanish I.
- College Credit: 3 hours

COM 2000: INTRODUCTION TO COMMUNICATION

- This course is an introduction to the field of communication with emphasis on the history of communication study, theories important to all areas of communication, the contexts in which communication occurs, and the issues that must be faced by students of communication. The course serves as an introduction to several strands of communication: persuasion, interpersonal, organizational, mass communication, and intercultural.
- College Credit: 3 hours